

**METHOD TO MAINTAIN ORDER BETWEEN MULTIPLE QUEUES WITH  
DIFFERENT ORDERING REQUIREMENTS IN A HIGH FREQUENCY SYSTEM**

ABSTRACT

5       A method, an apparatus, and a computer program are  
provided for managing commands in a multi-queue system.  
Depending on the types of queues that are utilizes, there  
can be difficulties in managing the order of execution of  
commands. To alleviate this problem, dependencies and  
10 identifiers are associated with each command that allow  
command queues in the entire multi-queue system to monitor  
the status of all commands.